



Division File
Subpart F Groundwater Monitoring
Cook County
031 650 03

The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone (312) 821-3000

EPA Region 5 Records Ctr.



355862

Chgo/Sherwin Williams

October 11, 1983

Illinois Environmental Protection Agency
Division of Land Pollution Control
2200 Churchill Road
Springfield, Illinois 62706
Mark Haney, Manager
Compliance Sub Unit
Attn: John Perry

RECEIVED

OCT 13 1983

ERR - D.L.P.C.
STATE OF ILLINOIS

Dear Mr. Haney:

Enclosed as Appendix I are completed forms received in a letter from your office dated September 15, 1983 following a telephone conversation with Mr. John Perry of your staff on September 14, 1983.

Data submitted covers the four consecutive quarters beginning with the third calendar quarter of 1982 and ending with the second calendar quarter of 1983. Parameters reported are those for Interim Drinking Water Standards, groundwater quality, and groundwater contamination indicators. Sampling dates were September 21, 1982, November 24, 1982, March 23, 1983 and June 13, 1983. The upgradient monitoring well was analyzed in quadruplicate for groundwater contamination indicators for each sampling period.

Attached as Appendix II is a listing of parameters whose concentrations exceeded the Interim Primary Drinking Water Standards, separately identified for each well, for each quarter.

Attached as Appendix III are calculations for the Behrens-Fisher Students t-Test comparison for significant changes in parameter concentrations over the upgradient background monitoring well.

Groundwater surface elevations at mean sea level are listed on data sheets enclosed for each well, for each sampling period.

We hope the attached data is adequate to satisfy our reporting requirements. If further information is needed, please contact us.

Sincerely,
SHERWIN WILLIAMS CHEMICALS

C. Daryl Baker
C. D. Baker

ack

APPENDIX II

Parameters Exceeding Primary Drinking Water Standards

(Sherwin Williams, 3rd Quarter 1982 thru 2nd Quarter 1983)

| <u>Well</u> | <u>Quarter</u> | <u>Parameter</u> | <u>Level</u> |
|----------------------|----------------|-------------------|---------------|
| Upgradient Well 1A | 4th Qtr 1982 | Coliform Bacteria | 750 colonies |
| Downgradient Well 2A | 2nd Qtr 1983 | Arsenic | 0.13 mg/l |
| | 2nd Qtr 1983 | Gross Alpha | 17 pCi/l |
| | 4th Qtr 1982 | Coliform Bacteria | 1800 colonies |
| Downgradient Well 3 | 4th Qtr 1982 | Coliform Bacteria | 850 colonies |
| | 3rd Qtr 1982 | Coliform Bacteria | 72 colonies |
| Downgradient Well 3A | 2nd Qtr 1983 | Barium | 1.1 mg/l |
| | 2nd Qtr 1983 | Coliform Bacteria | 80 colonies |

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OCT 18 1983

EDMUND S. BARTON
STATE OF ILLINOIS



Send Copy of this to FOS

2924-83

The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone (312) 821-3000

04/3-84
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March 27, 1984

MAR 30 1984

Environmental Protection Agency
WPC—Permit Log In

Thomas G. McSwiggen
Manager, Permit Section
Attn: Gerry Siekerka
Division of Water Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62706

Dear Sirs:

Enclosed are supplemental data requested by you to re-evaluate our application to renew the operating permit for Sherwin Williams pre-treatment facilities, 1979-EP-2909 issued 1/8/1979. The original permit was issued 9/24/1973, 1973-EE-1409COP, with first renewal issued 4/1/1976, 1976-EE-429, and second renewal on 1/8/1979, above.

As requested in your letter of January 9, 1984, we enclose completed forms WPC-PS-1 with signatures from the City of Chicago and the Metropolitan Sanitary District of Greater Chicago (item 1), and an 8 1/2 x 11 sketch of waste water sources, treatment units, flow paths and flow quantities (item 6).

Remaining items are addressed as follows:

Item 2 Federal Regulation, Pre-treatment Standard Categories

This pre-treatment facility is registered as SIC 2865 with both MSDGC and IEPA, covered under 40CFR414-416. The only current regulations are for butadiene, which has never been produced at this site. Proposed regulations are pending at this time. Other regulations quoted in your letter are 40CFR466.15, which relates to porcelain enameling which has never been engaged in on this site, and 40CFR415, Inorganic Chemicals Manufacturing. Prior to 1975, the manufacture of inorganic pigments containing chrome and lead was practiced on site, but these facilities were closed and demolished in 1975. One other category applies to the facility, 40CFR446, Paint Manufacture, and again no Federal Regulations are in existence for pretreatment at this time, nor are any proposed regulations.

Item 3 Average Flow Quantity

As listed on the accompanying sketch, average flows in 1983 were as follows:

- 1.1291 million gal/day Non-Federally Regulated Wastewater
- 0.3061 million gal/day Sanitary Water and Non Process Wastewater
- 0.0270 million gal/day Surface Drainage
- 1.4622 million/gal/day Combined effluent

Item 4 Concentrations for Parameters, Schedule N

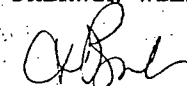
As described during our recent telephone conversation, concentrations listed for BOD₅ and Total Suspended Solids are actual values during 1983. The remaining items are not regularly analyzed by Sherwin Williams since we must conform to MSDGC ordinances limiting discharge concentrations to less than those noted on the schedule, and our effluent is regularly sampled proportional to flow and analyzed by MSDGC (total sampling in 1983 was six weeks), and no violations were noted at any time.

Item 5 Sludge Removal

Please note that the material removed from the ponds is dirt, grit, screenings and settleable solids from neutralized plant effluent which is land-filled as a non-hazardous waste under IEPA permits 822242-03160030 and 822243-03160030, expiring 10/18/1985 and 10/22/1985. In current practice, we remove and dispose of 1700 cubic yards of this material every second year, alternating ponds. This sediment is removed by isolating from service the pond to be cleaned, dewatering the contents by pumping the supernatant liquid to the alternate pond, then removing the remaining solids, by clam shell in years prior to 1983, and by vacuum truck in 1983.

If any further information or clarification is required, please contact me at the above address, or by phone at 312/821-3136.

Very truly yours,
SHERWIN WILLIAMS CHEMICALS



C. D. Baker

ack

0413-84

FOR IEPA USE:
LOG #
DATE RECEIVED:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
PERMIT SECTION

RECEIVED

Springfield, Illinois 62706

APPLICATION FOR PERMIT ~~CONSTRUCTION~~ ~~RENEWAL~~

WPC-PS-1

MAR 30 1984

Environmental Protection Agency
WPC—Permit Log In

1. NAME AND LOCATION:

Name of project: Industrial Pre-Treatment and Paint Department Pre-Treatment

Municipality or Township Chicago County Cook

2. BRIEF DESCRIPTION OF PROJECT: Screening, neutralization, equalization and coagulation capabilities
(See original permit 1973-EE-1409 COP, Sept 24, 1973 and renewals 1976-EE-429, Apr 1, 1976
and 1979-EP-2909)

3. DOCUMENTS BEING SUBMITTED: If the project involves any of the items listed below, submit the corresponding schedule,
and check the appropriate spaces.

PROJECT

| | | | |
|-------------------------------------|---|---|----|
| Private Sewer Connection..... | A | Spray Irrigation..... | II |
| Public Sewer Extension..... | B | Septic Tanks..... | J |
| Sewer Extension Construct Only..... | C | Industrial Treatment or Pretreatment..... | J |
| Sewage Treatment Works..... | D | | X |
| Excess Flow Treatment..... | E | Cyanide Acceptance..... | L |
| Lift Station/Force Main..... | F | Updating Cyanide Acceptance Form..... | M |
| Sediment Disposal..... | G | Waste Characteristics..... | N |

Plans: Title Industrial wastewater treatment facilities and Paint Dept pre-treatment - 2 sets

Number of Pages 36 pages

Specifications: Title Industrial wastewater treatment facilities at Kensington Plant

Number of Books/Pages

Other Documents (Please Specify) Conceptual design report 10/4/72 and preliminary engineering

4. THIS IS AN APPLICATION FOR (CHECK):

☐ A. Joint Construction And Operating Permit
☐ B. Authorization To Construct (For Treatment Units Requiring NPDES Permits) NPDES Permit No. IL
☐ C. Construct Only Permit (Does Not Include Operations)
☒ D. Operate Only Permit (Does Not Include Construction) (Date of Issuance)

5. CERTIFICATIONS AND APPROVAL:

5.1 Certificate by Design Engineer

I hereby certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief such information is true, complete and accurate.

ENGINEER Frank M. Bruhns (*See below) 62-23065 Illinois
NAME REGISTRATION NUMBER

FIRM Original submittals Sept 24, 1973 - actual design by R. F. Weston, Inc.

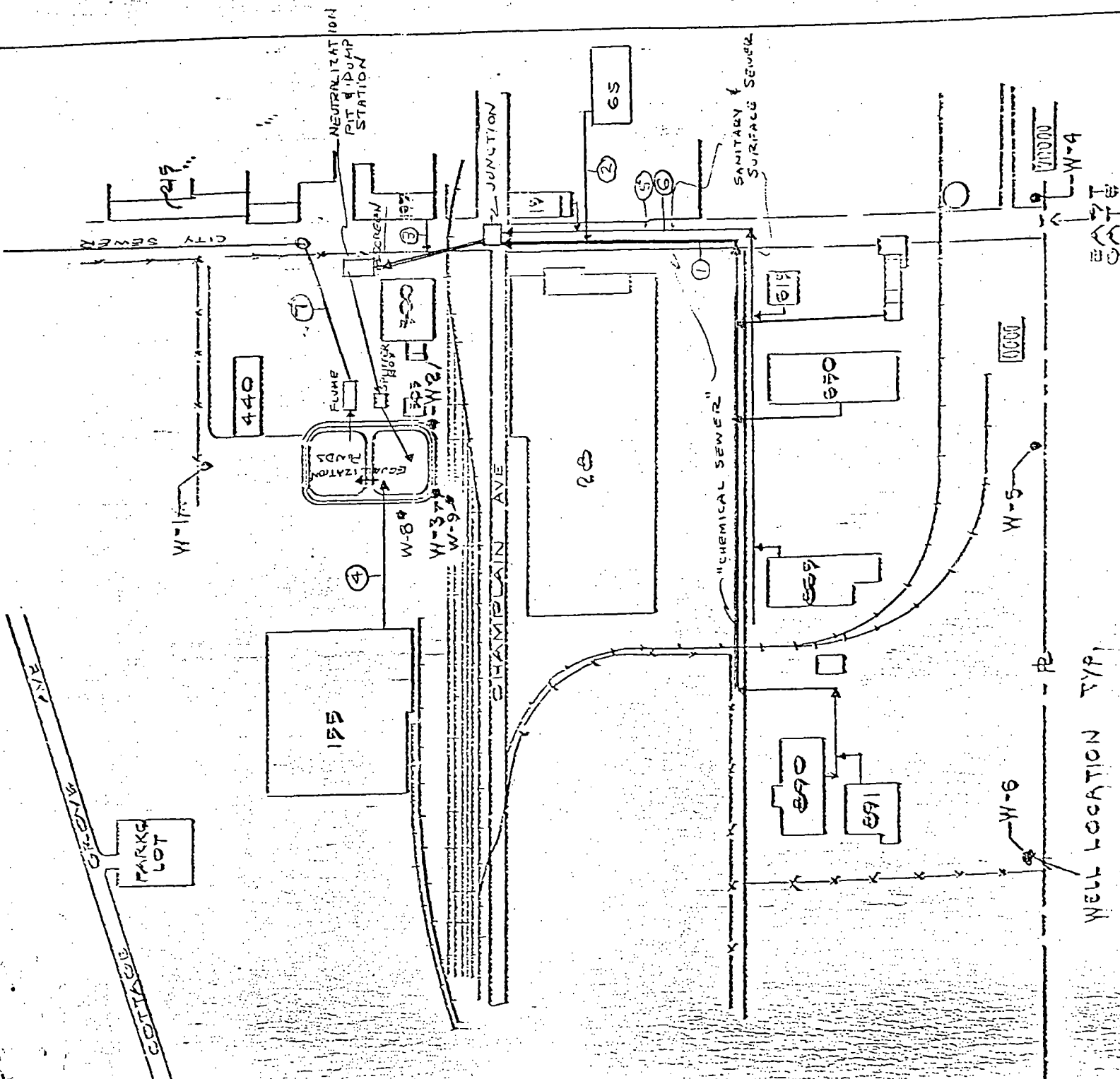
ADDRESS *Concepts and design supervised and directed by F. M. Bruhns,

Sherwin Williams (no longer with company)

PHONE NUMBER (312) 821-3028

SIGNATURE See attached letter

WASTEWATER TREATMENT, SHERWIN-WILLIAMS, CHICAGO, ILL.



SCALE 1" = 500 FT

WELL LOCATION TYP.

| STREAM | VOLUME | CHARACTER OF STREAM |
|---------|--------------|---|
| 1 | 0.6404 MMGPD | NON-FEDERALLY REGULATED WASTEWATER |
| 2 | 0.2820 " | |
| 3 | 0.1759 " | |
| 4 | 0.0308 " | |
| 5 | 0.3061 " | SANITARY WASTE & NON-PROCESS WASTEWATER |
| 6 | 0.0270 " | |
| 7-TOTAL | 1.4622 | SANITARY WASTE & NON-PROCESS WASTEWATER |

1. COMBINED EFFLUENT

CERTIFICATIONS AND APPROVALS FOR PERMITS (USE ITEM 7 FOR AUTHORIZATION TO CONSTRUCT):

6.1 Certificate by Applicant(s)

I/We hereby certify that I/we have read and thoroughly understand the conditions and requirements of this Application.

I/We hereby agree to conform with the Standard Conditions and with any other Special Conditions made part of the Permit.

6.1.1 NAME OF APPLICANT FOR PERMIT TO CONSTRUCT No new construction

STREET _____ CITY _____ STATE _____ ZIP CODE _____
SIGNATURE _____ DATE _____
TITLE _____

6.1.2 NAME OF APPLICANT FOR PERMIT TO OWN AND OPERATE The Sherwin Williams Company

11541 S. Champlain Avenue Chicago IL 60628
STREET CITY STATE ZIP CODE

SIGNATURE W. J. Rehn DATE 3-27-84

TITLE Mgr. - Chicago Site

6.2 Attested (Units of Government) (MSDGC)

DATE _____ SIGNATURE _____ TITLE _____
(CITY CLERK, VILLAGE CLERK, SANITARY DISTRICT CLERK, ET CETERA)

6.3 Applications from non-governmental applicants which are not signed by the owner, must be signed by a principal executive officer of at least the level of vice president, or his duly authorized representative.

6.4 Certificate by INTERMEDIATE SEWER OWNER

I hereby certify that the sewers to which this project will be tributary have adequate reserve capacity to transport the wastewater that will be added by this project without causing a violation of the Environmental Protection Act or Chapter 3 of the Regulations as adopted by the Illinois Pollution Control Board.

Name of sewer system to which this project will be tributary:

NAME OF SEWER SYSTEM OWNER City of Chicago (building permits issued Sept 1973)

STREET _____ CITY _____ STATE _____ ZIP CODE _____

X SIGNATURE Eugene M. Barnes DATE March 23, 1984 TITLE Acting Commissioner

6.5 Certificate by Waste Treatment Works Owner

I hereby certify that the treatment works to which this project will be tributary have adequate reserve capacity to treat the wastewater that will be added by this project without causing a violation of the Environmental Protection Act or Chapter 3 of the Regulations as adopted by the Illinois Pollution Control Board.

Name and location of waste treatment works to which this project will be tributary Calumet STW

400 E. 130th Street Chicago IL 60628

REATMENT WORKS OWNER Metropolitan Sanitary District of Greater Chicago

100 East Erie Street, Chicago IL. 60611
STREET CITY STATE ZIP CODE

IGNATURE Frank E. Dalton DATE 3-15-84 TITLE Chief Engineer

CERTIFICATE BY APPLICANT FOR AUTHORIZATION TO CONSTRUCT (CONSTRUCTOR):

I hereby certify that I have read and thoroughly understand the requirements of this application and I am authorized to sign this application for authorization to construct in accordance with the Rules and Regulations of the Illinois Pollution Control Board.

SIGNATURE _____

PRINTED NAME OF PERSON SIGNING _____

TITLE _____

ORGANIZATION _____

See copies of final approval forms.



Chicago/Sherwin Williams

The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone (312) 821-3000

September 6, 1984

Mr. Richard Carlson
Illinois Environmental Protection Agency
2200 Churchill Rd.
Springfield, Il. 62706

RECEIVED
JUL 12 4 1984
ILL. E.P.A. - D.L.P.C.
STATE OF ILLINOIS

Dear Mr. Carlson:

Enclosed is an amended Part A of our application to the USEPA for a RCRA permit to store and treat hazardous wastes. This amended application reflects a change in operations since our previous amended application was filed on October 24, 1983.

The treatment previously added, physical blending of semi-solid settled material in drums of wash solvent with additional wash solvent to improve pumpability, has been eliminated. The facilities in which this was carried out have been removed in a general land clearing program.

If there are any questions regarding this amended Part A, please contact me at (312) 821-3028.

Very truly yours,

Stanley R. Fryzel
Stanley R. Fryzel
Manager of Safety & Security

SRF:eb

Enc.

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SEP 18 1984

IEPA-DLPC

If a preprinted label has been provided, place it in the designated space. Review the information carefully; if any of it is incorrect, circle through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (*the area to the left of the label space lists the information that should appear*), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

| SPECIFIC QUESTIONS | MARK "X" | | | SPECIFIC QUESTIONS | MARK "X" | | |
|--|----------|----|---------------|--|----------|----|---------------|
| | YES | NO | FORM ATTACHED | | YES | NO | FORM ATTACHED |
| A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A) | | X | | B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B) | | X | |
| C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C) | | X | | D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D) | | X | |
| E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3) | X | | X | F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4) | | X | |
| G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4) | | X | | H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4) | | X | |
| I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | | X | | J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | | X | |

IV. FACILITY CONTACT

| A. NAME & TITLE (last, first, & title) | | | | | | | | | | B. PHONE (area code & no.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | F | R | Y | Z | E | L | S | T | A | N | L | E | Y | , | M | G | R | . | S | A | F | E | T | Y | & | S | E | C | . | 3 | 1 | 2 | 8 | 2 | 1 | 3 | 0 | 2 | 8 |

VI. FACILITY LOCATION

| A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | | | | | | | | | | | | | | | | | | |
| 5 | 1 | 1 | 5 | 4 | 1 | S | C | H | A | M | P | L | A | I | N | A | V | E |

| | |
|----------------|--|
| B. COUNTY NAME | |
| COOK | |

| C. CITY OR TOWN | | | | | | | | | | D. STATE | E. ZIP CODE | F. COUNTY CODE (if known) | | | | | | |
|-----------------|---|---|---|---|---|---|---|--|--|----------|-------------|------------------------------|---|---|---|---|--|--|
| 6 | C | H | I | C | A | G | O | | | I | L | 6 | 0 | 6 | 2 | 8 | | |

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VII. SIC CODES (If digit, in order of priority)

| A. FIRST | | | | | | | | | | B. SECOND | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|
| (specify) Paints, Varnishes, Lacquers and Allied Products | | | | | | | | | | (specify) Cyclic Crudes & Cyclic Intermediates, Dyes & Organic Pigments | | | | | | | | | |
| C. THIRD | | | | | | | | | | D. FOURTH | | | | | | | | | |
| (specify) | | | | | | | | | | (specify) | | | | | | | | | |

VIII. OPERATOR INFORMATION

| A. NAME | | | | | | | | | | | | | | | | | | | | | | | | | J. Is the name listed in Item VIII-A also the owner? | |
|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| THE SHERWIN WILLIAMS CO. | | | | | | | | | | | | | | | | | | | | | | | | | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |

| C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.) | | | | | | | | | | | | | | | D. PHONE (area code and no.) | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------------------------------|--|--|--|--|--|--|--|--|--|
| F = FEDERAL S = STATE P = PRIVATE M = PUBLIC (other than federal or state) O = OTHER (specify) | | | | | | | | | | | | | | | 216 566 2000 | | | | | | | | | |

| E. STREET OR P.O. BOX | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 101 PROSPECT AVE NW | | | | | | | | | | | | | | | | | | | | | | | | |

| F. CITY OR TOWN | | | | | | | | | | | | | | | G. STATE | | | | | H. ZIP CODE | | | | | IX. INDIAN LAND | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|-------------|--|--|--|--|---|--|--|--|--|
| CLEVELAND | | | | | | | | | | | | | | | OH | | | | | 44115 | | | | | Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | | |

X. EXISTING ENVIRONMENTAL PERMITS

| A. NPDES (Discharges to Surface Water) | | | | | | | | | | D. PSD (Air Emissions from Proposed Sources) | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| N.A. | | | | | | | | | | N.A. | | | | | | | | | |
| B. UIC (Underground Injection of Fluids) | | | | | | | | | | E. OTHER (specify) | | | | | | | | | |
| N.A. | | | | | | | | | | (specify) | | | | | | | | | |
| C. RCRA (Hazardous Wastes) | | | | | | | | | | E. OTHER (specify) | | | | | | | | | |
| N.A. | | | | | | | | | | (specify) | | | | | | | | | |

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

At this location, we manufacture a broad line of paints and coatings, including both water based and solvent based products, and we produce many of the resin intermediates used in these coatings. We also make a number of chemical products, the more important of which are para-cresol and some of its derivatives and alkali blue, an ink pigment.

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SEP 18 1984

IEPA-DLPC

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| A. NAME & OFFICIAL TITLE (type or print) | | | | | | | | | | B. SIGNATURE | | | | | | | | | | C. DATE SIGNED | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--------------|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| COMMENTS FOR OFFICIAL USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |

Form Approved OMB No. 100-001-001

FORM 1 RCRA

EPA

HAZARDOUS WASTE PERMIT APPLICATION

Consolidated Permits Program

(This information is required under Section 3005 of RCRA.)

1. EPA I.D. NUMBER

F I L D 0 0 5 4 5 6 4 3 9

FOR OFFICIAL USE ONLY

APPLICATION APPROVED

DATE RECEIVED (yr., mo., & day)

COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☒ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

☐ 2. NEW FACILITY (Complete item below.)

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) CONSTRUCTION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION (place an "X" below and complete Item I above)

☒ 1. FACILITY HAS INTERIM STATUS

☐ 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

| PROCESS | PRO- CESS CODE | APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY | PROCESS | PRO- CESS CODE | APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY |
|--------------------------------|----------------------------|--|---|----------------------------|--|
| Storage: | | | Treatment: | | |
| CONTAINER (barrel, drum, etc.) | S01 | GALLONS OR LITERS | TANK | T01 | GALLONS PER DAY OR LITERS PER DAY |
| TANK | S02 | GALLONS OR LITERS | SURFACE IMPOUNDMENT | T02 | GALLONS PER DAY OR LITERS PER DAY |
| WASTE PILE | S03 | CUBIC YARDS OR CUBIC METERS | INCINERATOR | T03 | TONS PER HOUR OR METRIC TONS PER HOUR, GALLONS PER HOUR OR LITERS PER HOUR |
| SURFACE IMPOUNDMENT | S04 | GALLONS OR LITERS | | | |
| Disposal: | | | OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.) | T04 | GALLONS PER DAY OR LITERS PER DAY |
| INJECTION WELL | D79 | GALLONS OR LITERS | | | |
| LANDFILL | D80 | ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER | | | |
| LAND APPLICATION | D81 | ACRES OR HECTARES | | | |
| OCEAN DISPOSAL | D82 | GALLONS PER DAY OR LITERS PER DAY | | | |
| SURFACE IMPOUNDMENT | D83 | GALLONS OR LITERS | | | |
| | UNIT OF MEASURE CODE | | | UNIT OF MEASURE CODE | |
| GALLONS | G | LITERS PER DAY | V | ACRE-FEET | A |
| LITERS | L | TONS PER HOUR | D | HECTARE-METER | F |
| CUBIC YARDS | Y | METRIC TONS PER HOUR | W | ACRES | B |
| CUBIC METERS | C | GALLONS PER HOUR | E | HECTARES | G |
| GALLONS PER DAY | U | LITERS PER HOUR | H | | |

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

5

C

DUP

1 2 3 4 5 6 7 8 9 10

| LINE NUMBER | A. PRO- CESS CODE (from list above) | B. PROCESS DESIGN CAPACITY | FOR OFFICIAL USE ONLY | LINE NUMBER | A. PRO- CESS CODE (from list above) | B. PROCESS DESIGN CAPACITY | FOR OFFICIAL USE ONLY |
|----------------|---|----------------------------|--------------------------------|----------------|---|----------------------------|--------------------------------|
| | | 1. AMOUNT (specify) | | | | 1. AMOUNT | |
| | | | | | | | |
| X-1 | S 0 2 | 600 | | 5 | S 0 2 | 20,000 | |
| X-2 | T 0 3 | 20 | | 6 | S 0 1 | 10,000 | |
| 1 | S 0 4 | 1,200,000 | | 7 | S 0 2 | 10,000 | |
| 2 | S 0 2 | 10,000 | | 8 | S 0 1 | 55,000 | RECEIVED |
| 3 | S 0 1 | 7,000 | | 9 | | | SEP 18 1984 |
| 4 | S 0 1 | 5,000 | | 10 | | | IEPA-DLPC |

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

| | | | |
|-------------------------|------|------------------------|------|
| ENGLISH UNIT OF MEASURE | CODE | METRIC UNIT OF MEASURE | CODE |
| POUNDS | P | KILOGRAMS | K |
| TONS | T | METRIC TONS | M |

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

| LINE NO. | A. EPA HAZARDOUS WASTE NO. (enter code) | B. ESTIMATED ANNUAL QUANTITY OF WASTE | C. UNIT OF MEASURE (enter code) | D. PROCESSES | |
|----------|--|---------------------------------------|------------------------------------|-----------------------------|--|
| | | | | 1. PROCESS CODES (enter) | 2. PROCESS DESCRIPTION (if a code is not entered in D(1)) |
| X-1 | K 0 5 4 | 900 | P | T 0 3 D 8 0 | RECEIVED |
| X-2 | D 0 0 2 | 400 | P | T 0 3 D 8 0 | SEP 18 1984 |
| X-3 | D 0 0 1 | 100 | P | T 0 3 D 8 0 | IEPA-DLPC |
| X-4 | D 0 0 2 | | | | included with above |

Continued from page 2.

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

Form Approved OMB No. 158-S3000-1

| EPA I.D. NUMBER (enter from page 1) | | | | | | | | | | | | | FOR OFFICIAL USE ONLY | | | | | | | | | | | | | | | | |
|---|---------------------------------------|---------------------------------------|---------------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-----------------------|---------|---------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------------------|-------------|
| W I L D 0 0 5 4 5 6 4 3 9 | | | | | | | | | | | | | D U P | | | | | | | | | | | | | | | | |
| IV. DESCRIPTION OF HAZARDOUS WASTES (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LINE NO. | A. EPA HAZARD. WASTE NO. (enter code) | B. ESTIMATED ANNUAL QUANTITY OF WASTE | C. UNIT OF MEASURE (enter code) | D. PROCESSES | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 1. PROCESS CODES (enter) | | | | | | | | | | | | 2. PROCESS DESCRIPTION (if a code is not entered in D(1)) | | | | | | | | | | | | | |
| 1 | 23 - 26 | 27 - 30 | 31 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | 27 - 29 | | |
| 1 | F 0 0 4 | 1,596 | T | T 1 8 | S 0 1 | | | | | | | | | | | | | | | | | | | | | | | Thermal treatment in boilers | |
| 2 | D 0 0 1 | 2,430 | T | S 0 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | D 0 0 1 | 182,000 | P | S 0 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | F 0 0 3 | 1,050,000 | P | S 0 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | F 0 0 5 | 1,050,000 | P | S 0 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | D 0 0 1 | 210,000 | P | S 0 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | D 0 0 1 | 2,770,000 | P | S 0 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | D 0 0 1 | 40,000 | G | S 0 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RECEIVED |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | SEP 18 1984 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | IEPA-DLPC |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

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EPA I.D. NO. (enter from page 1)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|-----|----|
| S | F | I | L | D | 0 | 0 | 5 | 4 | 5 | 6 | 4 | 3 | 9 | T/A | C |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

| | | | | | |
|----|----|----|----|----|----|
| 4 | 1 | 4 | 0 | 5 | 8 |
| 65 | 66 | 67 | 68 | 69 | 71 |

| | | | | | |
|----|----|----|----|----|----|
| 8 | 7 | 3 | 6 | 2 | 2 |
| 72 | 74 | 75 | 76 | 77 | 79 |

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

| | | | | | | | | | |
|---|---|----|----|----|----|----|----|----|----|
| C | E | 12 | 14 | 35 | 36 | 38 | 39 | 41 | 42 |
|---|---|----|----|----|----|----|----|----|----|

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

| | | | | | | | | | |
|---|---|----|----|----|----|----|----|----|----|
| C | F | 12 | 14 | 45 | 46 | 48 | 49 | 51 | 52 |
| C | G | 30 | 31 | 32 | 47 | 48 | 49 | 51 | 52 |

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

A.D. Childs

Vice-President & General Counsel

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

D.T. Rehor

Manager, Chicago Site

V. FACILITY DRAWING (see page 4)

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SEP 18 1984

EPA-DLPC



The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone (312) 821-3000

September 10, 1984

Mr. Richard Carlson
Illinois Environmental Protection Agency
2200 Churchill Rd.
Springfield, Il. 62706

Dear Mr. Carlson:

Attached is an after-the-fact partial closure plan and schedule for a hazardous waste treatment facility at this Site. The particular operation utilized four tanks in a building that was part of a lacquer manufacturing facility. When plans were made for clearing the entire lacquer manufacturing site, the fact that a small hazardous waste treatment operation was included was overlooked. The waste treatment operation consisted of physical blending in the tanks of waste solvent materials to improve pumpability. The blended material was then pumped into tank wagons for removal. All of the materials so treated were generated on site.

This apparent violation of the provisions of 35 Illinois Administration Code 725.212 was called to our attention by Mr. Cliff Gould of the Maywood Office during this visit of August 9, 1984.

Closure was completed during the week of June 18, 1984, when the tanks and buildings involved were removed and the site graded.

A revised Part A is being prepared reflecting the elimination of the physical blending operation from our activities and will be submitted to your office.

Very truly, yours,

Stanley R. Fryzel
Manager of Safety & Security

SRF:eb

Encl. Partial closure of hazardous waste treatment and storage facility.

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SEP 13 1984

IEPA-DLPC



0316500003 / Code 11
Chicago / Sherwin Williams
Sub F

The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone: (312) 821-3000

December 20, 1984

Mark Haney
Facilities Compliance Unit
Illinois Environmental Protection Agency
Division of Land Pollution Control #24
2200 Churchill Road
Springfield Illinois 62706

Dear Sir:

In reply to your letter of December 14, 1984 concerning the apparent violation of this facility, referred to Section 725.193(d)(2) of Illinois Table 35, we submit the following proposed groundwater quality assessment plan and respectfully request approval to implement as outlined.

Attached as Appendix "A" is a copy of the proposed groundwater assessment plan as submitted to the Maywood Office of Illinois EPA on April 6, 1984. The plan outlined a procedure for sampling groundwater in the wells around our equalization ponds for "constituents potentially present by reason of use as a raw material or as a manufactured product or intermediate". Since this is a manufacturing facility, records are available to compile such a list. We have compared the facility listing of raw materials used and products manufactured on site since these ponds were put into service in January 1975 with items listed in the Illinois Right to Know Law and with Appendix VII and VIII of USEPA Title 40, Part 261, and propose that sampling be limited to those items common to these lists and the facility raw material and product listing. These items are tabulated as Appendix B. Enclosed as Appendix C is a copy of the Sherwin Williams Materials Register, marked "Company Confidential" - "Trade Secret", with all items which have been used at the Chicago site during the time the ponds have been in use marked. If analysis of these samples indicate the components present in the groundwater to be on Appendix B, the further step of retaining a geochemical engineer would be taken, as indicated on the flow diagram.

In support of this request, we submit for your consideration the following:

The facility in question is not a surface impoundment in the sense believed intended by regulations; storage of material for future treatment or disposal, but was in fact constructed to enable the Sherwin Williams Company to meet Metropolitan District of Greater Chicago regulations regarding pH by providing retention time suitable for adjustment of this parameter, serve as a collection basin should an accidental spill occur, and provide additional retention time for dirt, gut, screenings, and settleable solid from neutralized plant effluent

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to be removed prior to discharge to city sewers. These settleable solids are removed periodically to maintain satisfactory retention times, and are disposed of as a non-hazardous waste by landfilling. Attached as Appendix D is a copy of laboratory analysis of this material as submitted to obtain the disposal permit. The facility consists of two ponds in series, each 97,000 cu ft in volume, and the settleable solids in question accumulate at the rate of approximately 2000 cu ft per year. In general, every third year, one pond is dredged, alternating ponds. Since this is a manufacturing facility, not a disposal site, we feel this analysis, plus regular analyses of plant effluent by both Sherwin Williams and the Metropolitan Sanitary District which show the facility to be in compliance with MSD regulations, indicate hazardous materials are not present in significant amounts.

Also attached as Appendix E is a tabulation of groundwater contamination indicators and as Appendix F a tabulation of Groundwater Quality Indicators which indicate either no change, or a reduction of, measured parameters during the period March 30, 1983 through September 18, 1984 for all wells.

To supplement this data, we have taken fourth quarter 1984 samplings of each well and submitted them for replicate analysis. In addition to Groundwater Quality and Contamination Indicator data, it should be noted that interim drinking water standards have been exceeded only as follows:

| | | | | | |
|----------|-------|---------------|------------|----|-----------|
| 6/13/83 | MW 2A | Arsenic | 0.13 mg/l | vs | 0.05 mg/l |
| | | Gross Alpha | 17 pCi/l | vs | 5 pCi/l |
| 12/20/83 | MW 2A | Arsenic | 0.13 mg/l | vs | 0.05 mg/l |
| | MW 8 | Arsenic | 0.06 mg/l | vs | 0.05 mg/l |
| | MW 9 | Arsenic | 0.29 mg/l | vs | 0.05 mg/l |
| | MW 9 | Coliform Bact | 8 colonies | vs | 1 colony |
| 3/14/84 | MW 9 | Arsenic | 0.18 mg/l | vs | 0.05 mg/l |
| 6/5/84 | MW 8 | Gross Alpha | 9 pCi/l | vs | 5 pCi/l |
| | MW 8 | Gross Beta | 16 pCi/l | vs | 15 pCi/l |
| | MW 9 | Arsenic | 0.37 mg/l | vs | 0.05 mg/l |
| | MW 9 | Gross Beta | 25 pCi/l | vs | 15 pCi/l |
| 9/18/84 | MW 9 | Arsenic | 0.44 mg/l | vs | 0.05 mg/l |

Note: No arsenic in any form is in use in Sherwin Williams manufacture, nor are any radio active materials.

In addition to the wells placed around the equalization ponds, the Sherwin Williams Company installed four similar wells on the downgradient perimeter of the property, approximately 130 ft from the equalization ponds, identified as W-4, W-5, W-6 and W-7 on a map attached as Appendix G. Results from sampling and analysis of these wells do not appear materially different than those from wells 2A 8 and 9. Attached as Appendices H, I, J and K are results of 1983 analysis of these wells.

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We feel the preceding discussion, plus the fact that the facility is constructed on what was formerly a part of Lake Calumet, reclaimed by fill, indicates the apparent differences are not the result of these retention ponds, and that analysis will not show the presence of materials which might be in plant effluent as a function of the manufacturing operation.

In view of the above, we feel the facility listed is not a true surface impoundment and intend to petition the Illinois EPA for delisting in early 1985.

If any further information is required, please advise.

Very truly yours,
THE SHERWIN WILLIAMS COMPANY

C. D. Baker

C. D. Baker
Environmental Engineer *RM*

cc: Craig J. Liska - Maywood EPA

ack

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DEC 31 1984

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The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone: (312) 821-3000

RJM

MAY 20 1985

May 16, 1985

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AUG 27 1985

IEPA-DLPC

Mr. Mark A. Haney
Manager, Facilities Compliance Unit
Compliance Monitoring Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62706

D. B.

MAY 28 1985

Attn: Kenneth W. Liss

Re: 031650003-Cook County, Chicago/Sherwin-Williams Subpart F Groundwater Monitoring

Dear Mr. Haney:

This letter responds to your letter of April 18, 1985, which requests additional information with regard to the disposition of certain spilled paracresol material referred to in my letter to Dale Helmers of March 18, 1985. The incident to which you refer occurred on February 11, 1982, and involved a spill of liquid paracresol onto the ground at Sherwin-Williams' Chemicals Division railroad tank car unloading area.

In reviewing the facts relating to this incident, it appears that the report contained in my March 18 letter is not entirely accurate with respect to the manner of disposition of the spilled paracresol material. What in fact occurred was as follows.

During the early afternoon of February 11, 1982, Sherwin-Williams' Safety Department was contacted by the Chemicals Division with respect to an observed leak of paracresol from a railroad tank car at the Chemicals Division's tank car unloading area. The leak apparently resulted from a ruptured steam coil inside the tank car which was being then used to melt solidified paracresol in order to permit its unloading. (The melting point of paracresol is approximately 100°F and as a consequence it solidifies during transportation in tank cars, especially during the colder months.) The ruptured steam coil allowed liquid paracresol to enter the steam line and be discharged from the tank through the steam condensate drain line of the car. Sherwin-Williams personnel encountered significant difficulties attempting to stop the flow from the ruptured tank car and immediately barricaded the area so as to contain the spill on the ground. Because, however, the daytime

high temperature on February 11, 1982 was less than 20°F, and on the previous evening the low temperature had been -12°F, the air was quite cold, and the ground under the tank car was solidly frozen, the spilled paracresol immediately solidified upon contact with the cold air and frozen ground and remained on the surface of the ground. When frozen on the ground, the solidified paracresol was a distinctive off-white color, which was easily distinguishable from the ground surface. Because the approximately 2,800 gallons of spilled paracresol was worth in excess of \$20,000, and the plant had the capability of refining "dirty" paracresol by distillation, Sherwin-Williams personnel scraped the solidified paracresol from the ground surface and placed it in drums for reclamation. Following removal of all visible solidified paracresol from the surface of the ground, Sherwin-Williams personnel also removed approximately 3" of ground under and around the tank car in an approximate 60' x 100' area in order to determine whether or not any of the paracresol material had entered the ground. This investigation of potential ground contamination revealed that all the paracresol had solidified on the surface rather than penetrated into the ground. On being satisfied that the removed soil contained no paracresol, plant personnel replaced the removed soil on the surface of the unloading area.

The spill incident was reported to USEPA's Superfund office on the morning of February 12, 1982. It was also reported to the representatives of the Metropolitan Sanitary District, although none of the spilled material could have entered the sewers or any surface water because the spill area had been barricaded and the material solidified immediately upon discharge from the tank car. Furthermore, no part of the in-plant sewer system is in the vicinity of the spill area, and consequently none of the spilled material could have entered the equalization basins.

I trust that this response adequately answers your questions concerning the incident. I apologize for the mistaken information concerning the disposition of the material contained in my March 18 letter, but obviously the important point is that none of this material in fact entered, or could have entered, the in-plant sewer system or the equalization basins. I am available to discuss this matter with you further at your convenience should you desire.

Very truly yours,

R. J. Malmgren

RJM/pg

cc: Paul R. Jagiello, Esq.

bcc: Ray J. Malmgren ✓



ERT
MKL

The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone (312) 821-3000

May 31, 1985

RECEIVED
JUN 05 1985

Illinois Environmental Protection Agency
Attn: Mr. Richard Carlson, Director
2200 Churchill Road
Springfield, Illinois 62706

Dear Mr. Carlson:

On June 30, 1985 the Sherwin Williams Company will sell its Chemicals Division to the Plastics Management Corporation, Sun Valley California. As a part of the sales agreement, the Chemicals Division portion of the Sherwin Williams site located at 11541 S. Champlain, Chicago Illinois 60628 will be separated.

By this letter, I respectfully request the agency transfer the current permits (listed on attachment) to: PMC Industries, Inc., 735 East 115th Street, Chicago Illinois 60628. In addition, we are requesting the issuance of a new IEPA generator number; Sherwin Williams will retain the original number (0316500003) for its own use. *plant*

Please let me know if additional information is required.

Sincerely,
SHERWIN WILLIAMS CHEMICALS

R. J. Malmgren, Plant Manager

* Michael A. Blair, Representative
Plastic Management Corporation

D. T. Rehor, Representative
Sherwin Williams Company

cc: SKnezevic CIVY JMerryman AKNanda RFPrast KHaber CDBaker
Thomas McSwiggin, IEPA Springfield
Linda Kessinger, IEPA Springfield

ack

PERMITS - CHICAGO CHEMICALS DIVISION

1. Illinois EPA Air Pollution Operation Permit #81060063
Expiration Date: June 30, 1986
Para Cresol Pitch Recovery System
2. Illinois EPA Air Pollution Operating Permit #7-2-10-0424
Expiration Date: December 4, 1986
(MNPT) Mono Nitro Para Toluidine
3. Illinois EPA Air Pollution Operating Permit #7-2-10-0422
Expiration Date: February 20, 1987
Para Cresol Process
4. Illinois EPA Air Pollution Permit #7-2-10-0420
Expiration Date: June 28, 1987
(IPN) Isophthalonitrile Process
5. Illinois EPA Air Pollution Permit #7-2-10-0395
Expiration Date: June 28, 1987
Tobias Acid Process
6. Illinois EPA Air Pollution Permit #7-2-10-0397
Expiration Date: June 9, 1987
Ink Flushing
7. Illinois EPA Air Pollution Permit #7-2-10-0398
Expiration Date: June 12, 1988
Alkali Blue
8. Illinois EPA Air Pollution Permit #78100006
Expiration Date: September 7, 1988
(DNPC) Di Nitro Para Cresol
9. Illinois EPA - Division of Air Pollution #75030099
Expiration Date: December 18, 1989
(Powerhouse Bldg 300) Neutralization of Waste Effluent
10. Illinois EPA - Division of Air Pollution #73020494
Expiration Date: April 4, 1986
(Powerhouse Bldg 300) Boilers & Oil Storage Tanks
11. Illinois EPA - Division of Water #1984-EP-0413
Expiration Date: April 20, 1989
Pretreatment of Waste Water (Equalization Ponds)
12. Illinois EPA - Division of Air Pollution #72100423
Expiration Date: June 5, 1985
(MNPC) Mono Nitro Para Cresol



ERT
MKL

The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone (312) 821-3000

June 3, 1985

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JUN 05 1985

EPA-DLPC

Mr. Valdas V. Adamkus
Regional Administrator
USEPA, Region V
230 South Dearborn Street
Chicago IL 60604

Dear Mr. Adamkus:

This is to notify USEPA that there will be a change in ownership of certain property which has interim status under RCRA at Sherwin Williams' Chicago, Illinois, plant site, located at 11541 South Champlain Avenue; specifically, that portion of the plant referred to as the Chemicals Division. Shortly you will receive a revised Part A permit application from the new owner, Plastics Management Corporation, pursuant to 40 C.F.R. 270.72(d). All interim-status duties will be transferred to Plastics Management Corporation immediately upon the date of change of ownership, June 30, 1985. Sherwin Williams will comply with 40 C.F.R. Part 265, Subpart H financial-responsibility requirements until Plastics Management Corporation demonstrates compliance with that subpart.

Sincerely,
SHERWIN WILLIAMS CHEMICALS

R. J. Malmgren
Plant Manager

cc: Ms Edith Ardiente
USEPA, Region V

Mr. Larry Eastep
Illinois EPA
Division of Land Pollution Control

Michael A. Blair, Representative
Plastic Management Corporation

Donald T. Rehor, Representative
Sherwin Williams Company

cc: SKnezevic Clvy JMerryman AKNanda RFPrast KHaber CDBaker JLenzotti
ack



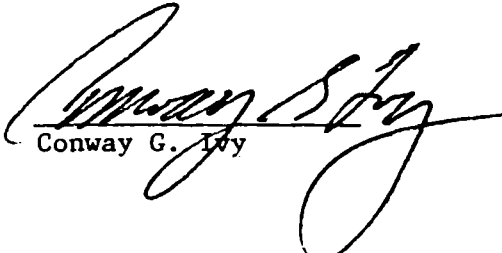
The Sherwin-Williams Company
101 Prospect Avenue, N. W.
Cleveland, Ohio 44115
Phone: (216) 566-2102

Conway G. Ivy
Vice President
Corporate Planning and Development

TO WHOM IT MAY CONCERN:

The Sherwin-Williams Company has consummated the sale of a portion of its Chemicals Division to PMC Specialties Group, Inc., a subsidiary of PMC Inc. of Sun Valley, California.

Included in the sale are Sherwin-Williams' Chicago chemical operations. The sale was effective July 1, 1985.


Conway G. Ivy

RECEIVED

AUG 12 1985

IEPA-DLPC



The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone: (312) 821-3000

August 19, 1985

Refer to: 0316500003 -- Cook County
Chicago/Sherwin Williams Company
ILD005456439

RECEIVED
AUG 22 1985
IEPA-DLPC

PRE-ENFORCEMENT CONFERENCE LETTER

Certified # P731 918 950

Dated: June 18, 1985

Mr. Michael F. Nechvatal, Manager
Illinois Environmental Protection Agency
Compliance Monitoring Section
Division of Land Pollution Control
2200 Churchill Road
Springfield, Illinois 62706

Dear Mr. Nechvatal:

On July 24, 1985, Messers Malmgren, Baker, Thornton and I met with Messers Gimble and Gould to discuss the letter referred to above.

At this meeting, it was concluded that we would need to address two (2) issues:

- (1) Alkali Blue Pitch
- (2) Operating record for the solvent recovery system.

The Alkali Blue Pitch reply was due to you by August 30, 1985, and the operating record for the solvent recovery system due to you on August 19, 1985.

Mr. Daryl Baker, under separate cover will respond on the Alkali Blue Pitch issues.

Our reply will be addressed in two (2) parts. Part One will be the drum issue, Part Two, the solvent collection/recovery system.

Part One - Drums

All the drums referred to in the inspection report have been identified and actual inventory counts recorded.

The contents of each drum are being identified.

By October 5, 1985, all accumulation of all drummed dirty solvent material will be removed from the Chicago Site and used as a secondary fuel by a licensed outside reclaimer or incinerated if the secondary fuel stream is overloaded.

In the interim period, all the drums are stacked more than fifty (50) feet from the property line.

Part Two - Solvent Collection/Recovery System

The new solvent collection/recovery system will be in active operation by September 1, 1985. The requested inventory logs will be activated with the initiation of the process.

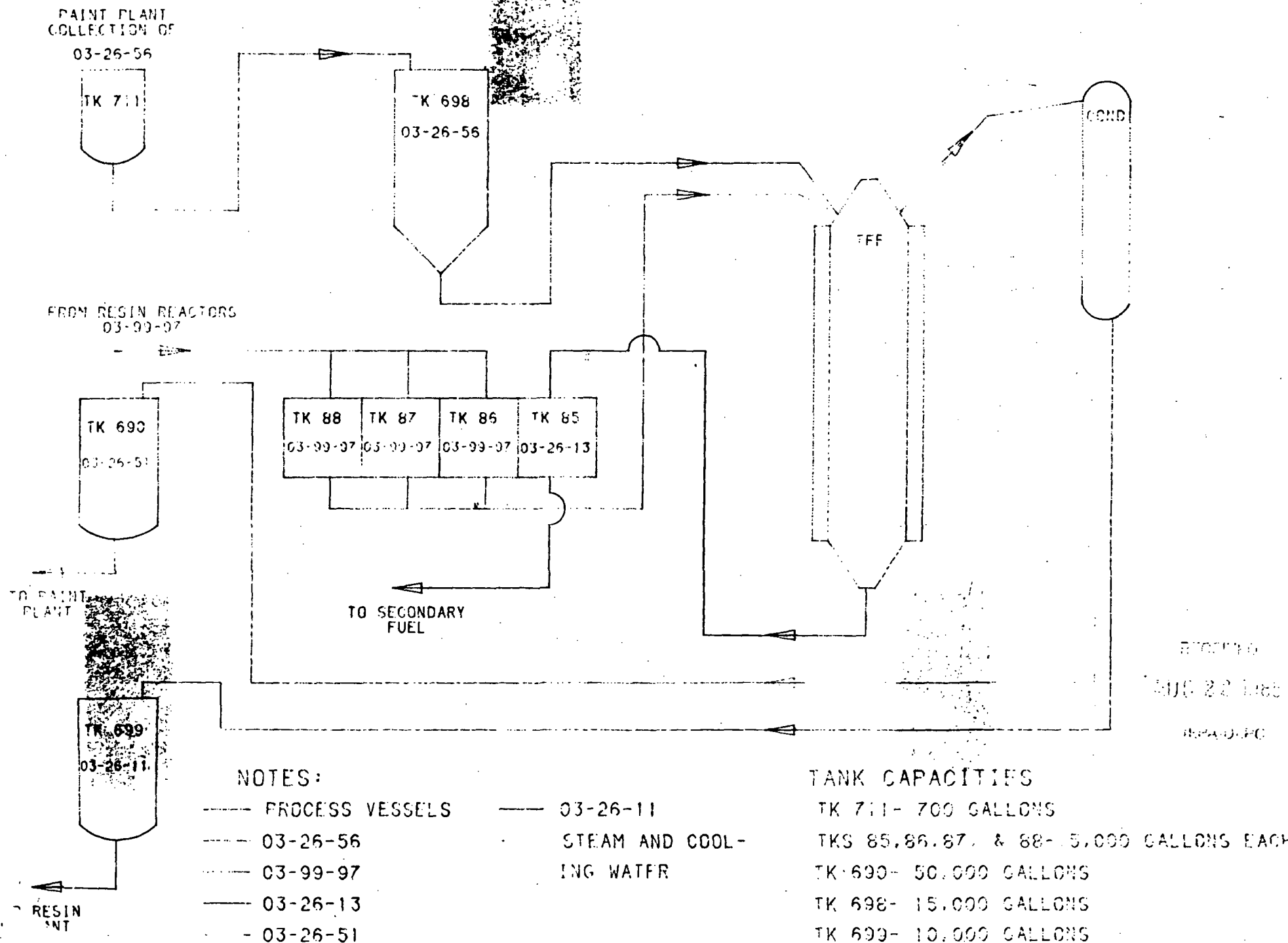
Attached for your information are:

- (1) Process Tanks designations
- (2) Sherwin Williams Material Code Numbers
- (3) Tank Inventory Form
- (4) Shipping Record Form
- (5) Solvent Recovery Flow Chart

We anticipate that the still, which has been on order for some time, will be delivered during the latter part of October and will be in operation during the end of the first quarter of 1986.

During this intervening period, the collection system will be in operation and the collected material will be recycled or used in a secondary fuel stream by a licensed outside reclaimer.

SOLVENT RECOVERY FLOW CHART



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

PERMIT NO.: 1984-EP-0413

DATE ISSUED: April 27, 1984

FINAL PLANS, SPECIFICATIONS, APPLICATION
AND SUPPORTING DOCUMENTS

LOG NUMBERS: 0413-84

PREPARED BY: The Sherwin-Williams Company

SUBJECT: THE SHERWIN-WILLIAMS COMPANY - CHICAGO - PRETREATMENT PLANT (MSDGC -
Calumet STP)SPECIAL CONDITION 3: Solvent Management Plan

The permittee shall develop and implement a Solvent Management Plan (SMP) for the purpose of preventing or minimizing the release of toxic or hazardous pollutants to the publicly owned treatment works (POTW) in amounts which pass through or interfere with the treatment processes in the POTW or which may contaminate sewage sludge. The SMP shall be documented in narrative form, and shall include any necessary plot, plans, drawings or maps. The SMP shall contain as a minimum the following:

- A list of the toxic and/or hazardous organic compounds used at the subject facility.
- The method of disposal used instead of dumping, such as reclamation, or contract hauling.
- The procedures for ensuring that toxic and/or hazardous organics do not routinely spill or leak into the wastewater.

The permittee shall submit the SMP to IEPA - Division of Water Pollution Control, Permit Section for approval by November 1, 1984, and shall fully implement the approved plan by May 1, 1985.

RECEIVED

ILL. ENVIRONMENTAL PROTECTION AGENCY

MAY - 17 1984

CR. WATER POLLUTION CONTROL
FIELD OPERATIONS SECTION - REG. 2

PERMIT NO.: 1984-EP-0413
DATE ISSUED: April 27, 1984
LOG NUMBERS: 0413-84
PREPARED BY: The Sherwin-Williams Company
AND SUPPORTING DOCUMENTS
FINAL PLANS, SPECIFICATIONS, APPLICATION
SUBJECT: THE SHERWIN-WILLIAMS COMPANY - CHICAGO - PRETREATMENT -
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
MAY - 7 1984
DIV. WATER POLLUTION CONTROL
FIELD OPERATIONS SECTION - REG. 2
RECEIVED
ILL. ENVIRONMENTAL PROTECTION AGENCY
The Sherwin-Williams Company
11541 South Champlain Avenue
Chicago, Illinois 60628
PERMITTEE TO OWN AND OPERATE
control facilities described as follows:
an inlet bar screen, a neutralization facility, a pump station, a flow splitter box,
two (2) equalization ponds in series operation, a flow measurement and sampling
station and necessary appurtenances to treat 1.125 mgd avg. of process wastewater and
0.303 mgd avg. of sanitary, non-process and stormwaters with a discharge of an avg.
70,000 PE (3005) to the City of Chicago sewer system tributary to MSDC - Calumet
STP.
This Operating Permit expires on April 20, 1989.
This Permit is issued subject to the following Special Condition(s). If such Special
Condition(s) require(s) additional or revised facilities, satisfactory engineering
plan documents must be submitted to this Agency for review and approval for issuance
of a Supplemental Permit.
SPECIAL CONDITION 1: The issuance of this permit does not relieve the permittee of
the responsibility of complying with any limitations and provisions imposed by the
City of Chicago and/or the Metropolitan Sanitary District of Greater Chicago.
SPECIAL CONDITION 2: All sludges generated on site shall be disposed of at a site
and in a manner acceptable to the Agency.
Continued on Page 2
The standard conditions of issuance indicated on the reverse side must be completed
with or without. READ ALL CONDITIONS CAREFULLY.
DIVISION OF WATER POLLUTION CONTROL
Thomas C. Cunningham, P.E.
Manager, Permit Section
Records Unit
Inspector Unit
1984
City of Chicago - Sewer Dept.
15015
15015
15015

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

PERMIT NO.: 1984-EP-0413

DATE ISSUED: April 27, 1984

LOG NUMBERS: 0413-84

PREPARED BY: The Sherwin-Williams Company

SUBJECT: THE SHERWIN-WILLIAMS COMPANY - CHICAGO - PRETREATMENT -

ILL. ENVIRONMENTAL PROTECTION AGENCY

MAY - 7 1984

DIV. WATER POLLUTION CONTROL
FIELD OPERATIONS SECTION - REG. 2

Permit is hereby granted to the above designated permittee to operate water pollution

control facilities described as follows:
an inlet bar screen, a neutralization facility, a pump station, a flow splitter box,
two (2) equalization ponds in series operation, a flow measurement and sampling
station and necessary appurtenances to treat 1.125 mgd avg. of process wastewater and
0.303 mgd avg. of sanitary, non-process and stormwaters with a discharge of an avg.
70,000 PE (3005) to the City of Chicago sewer system tributary to MSDC - Calumet
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SPECIAL CONDITION 1: The issuance of this permit does not relieve the permittee of
the responsibility of complying with any limitations and provisions imposed by the
City of Chicago and/or the Metropolitan Sanitary District of Greater Chicago.

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and in a manner acceptable to the Agency.

Continued on Page 2

The standard conditions of issuance indicated on the reverse side must be completed
with or without. READ ALL CONDITIONS CAREFULLY.

DIVISION OF WATER POLLUTION CONTROL
Thomas C. Cunningham, P.E.
Manager, Permit Section
Records Unit
Inspector Unit
1984
City of Chicago - Sewer Dept.
15015
15015
15015



217/782-2113

Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

OPERATING PERMIT

Application No.: 72110194

I.D. No.: 031600AHO

Applicant's Designation: NONE

Date Received: August 6, 1981

Subject: Lithographing

Date Issued: September 3, 1981

Expiration Date: August 5, 1986

Location: 11541 South Champlain Avenue, Chicago, Illinois

PERMITTEE

The Sherwin-Williams Company
11541 South Champlain Avenue
Chicago, Illinois 60628

Attention: Stanley R. Fryzel

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of three roller coaters and ovens with two afterburners as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. The use of the afterburner bypass is subject to the following conditions:
 - a. If the coating being used contains volatile organic material in excess of Rule 205(n)(1)(B), the bypass may only be used between November 1 and April 1 as provided by Rule 205(r).
 - b. The bypass may be used at any time for testing coatings that meet the provisions of Rule 205(n)(1)(B).
2. The Agency has determined that the use of a bypass around an afterburner in accordance with Rule 205(r) cannot, by itself, subject an existing coating line to the nonattainment area rules (Rules For Issuance of Permits to New or Modified Air Pollution Sources Affecting Nonattainment Areas) because it does not result in an increase in the uncontrolled emissions from the line. This finding would not apply to a "new" coating line which has been constructed under the provisions of these rules, as use of an afterburner bypass would be considered a revision of the initial construction permit.

CALCULATION SHEET

| | |
|---|--|
| Facility <u>Sherwin-Williams</u> Anal. Eng. <u>HP</u> Date <u>09 01 81</u> Rev. Eng. _____ Date _____ | I.D. <u>031600AHØ</u> PN <u>72110194</u> Date Rec. <u>08 06 81</u> |
|---|--|

Application to renew permit for lithographing

1) Litho Oven #1 w/ Afterburner 85%

52 - 89.25 lb/hr HC = 2.8 - 13.4 lb/hr controlled

2) Litho Ovens #2 + 3 w/ Afterburner 93%

53.69 lb/hr HC = 3.76 lb/hr controlled

Coatings are all applied by roller coaters

Sources are in compliance with Rule 205(h)(2)(A)
by using afterburners which are not required to operate
from Nov. 1 - Apr. 1 by Rule 205(h).

Emissions are OK

Grant



217/782-2113

OPERATING PERMIT

PERMITTEE

The Sherwin Williams Company
11541 South Champlain Avenue
Chicago, Illinois 60628

Attention: S. R. Fryzel

Application No.: 72100425

I.D. No.: 031600AHO

Applicant's Designation: RPM OP3

Date Received: June 21, 1982

Subject: STORAGE TANKS

Date Issued: June 23, 1982

Expiration Date: June 22, 1987

Location: 11541 South Champlain Avenue, Chicago, Illinois

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of 89 resin storage tanks, 54 finished resin storage tanks, 51 veg oil storage tanks, 13 varnish thinning tanks, 5 raw hydrocarbon storage tanks, 47 weigh tanks, 1 steam kettle with condenser and scrubber, 3 steam kettles, 8 solvent storage tanks, 1 thinning tank with condenser, 1 solvent receiver, 1 overflow tank, and 1 oil furnace as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. At the above location, the applicant shall not keep, store, or utilize:

(i) distillate fuel oil (Grades No. 1 and 2) with a sulfur content greater than the larger of the following two values:

- (1) 0.28 weight percent, or
- (2) the wt. percent given by the formula: Maximum wt. percent sulfur = $(0.000015) \times (\text{Gross heating value of oil, BTU/lb.})$.

(ii) residual fuel oil (Grades No. 4, 5 and 6) with a sulfur content greater than that given by the formula: Maximum wt. percent sulfur = $(0.00005) \times (\text{Gross heating value of oil, BTU/lb.})$.

The Agency shall be allowed to sample all fuel oil stored at the above location.



Bharat Mathur, P.E.
Manager, Permit Section
Division of Air Pollution Control

BM:PMP:bv/4652C/13

PMP 6/24/82

cc: Region 1

762

CALCULATION SHEET

City Sherwin Williams Co
 Anal. Eng. PMP Date 06 22 82
 Rev. Eng. _____ Date _____

I.D. 031 600 AH
 PN D2 10 0425
 Date Rec. 06 21 82

A renewal of an operating permit for a resin plant and storage tanks. No A since the last permit

| | | | | | |
|-----|-------|---|---------------|----|--------|
| 001 | 65 | 5000 gal resin storage tanks | nil emissions | OK | TAS OK |
| 002 | 24 49 | 2500 gal resin storage tanks | nil emissions | OK | TAS OK |
| 003 | 22 | 9100 gal finished resin sty tanks | nil emissions | OK | TAS OK |
| 004 | 4 54 | 11000 gal finished resin sty tanks | nil emissions | OK | TAS OK |
| 005 | 9 | 1020 - 3325 finished resin sty tanks | nil E | | TAS OK |
| 006 | 19 | 2100 - 1250 2000 - 3325 finished resin sty tanks | nil E | | TAS OK |
| 007 | 3 | 51200 gal veg oil feed sty tanks | nil E | | TAS OK |
| 008 | 48 | 1500 - 33410 veg oil feed sty tanks | nil E | | TAS OK |
| 009 | 13 | 15000 to 8000 varnish thinning | nil E | | TAS OK |
| 010 | 4 | 15000 to 58857 raw HE sty | nil E | | TAS OK |

CALCULATION SHEET

City _____

Anal. Eng. _____ Date _____

Rev. Eng. _____ Date _____

I.D. _____

PN _____

Date Rec. _____

| | | | | | | |
|-----|----|------------------------|----------------------------|-----------------------|---------------------|--------|
| 011 | 1 | 102 D31 | gal nil | HC E | sty | TAS OK |
| 012 | 38 | 150 to 5000 | nil | E | mixing tanks | TAS OK |
| 013 | 9 | 1975 | nil | E | varnish weigh tanks | TAS OK |
| 014 | 1 | steam kettle #1 w | .6 #/hr HC 1.2 #/hr TSP | condenser to scrubber | | TAS OK |
| 015 | 1 | varnish kettle #2 | nil emissions | | | TAS OK |
| 016 | 2 | varnish kettle #3 & #4 | nil emissions | | | TAS OK |
| 017 | 8 | Solvent sty tanks | 0.1 #/hr HC | | | TAS OK |
| 018 | 1 | Thinning tank w | 2.4 #/hr HC | condenser | | TAS OK |
| 019 | 1 | Solvent receiver | 5 #/hr HC | | OK | TAS OK |
| 020 | 1 | Overflow tank | 0.1 #/hr HC | | OK | TAS OK |

CALCULATION SHEET

city

I.D.

Anal . Eng.

Date _____

PN

Rev. Eng.

Date _____

Date Rec.

021

/

| | | | | |
|-----|-----|--------|----|-----|
| Hot | oil | Lubric | #2 | oil |
|-----|-----|--------|----|-----|

TAS OK

All sources seem to be in compliance
FOS report shows no problems w/ resin plant.
Recommend Grant
Fuel oil use condition



Illinois Environmental Protection Agency 2200 Churchill Road, Springfield, IL 62706

217/782-2113

OPERATING PERMIT

PERMITTEE

The Sherwin-Williams Co.
11541 South Champlain Avenue
Chicago, Illinois 60628

Attention: S.R. Fryzel

Application No.: 73032590

I.D. No.: 031600AHO

Applicant's Designation: CMRI

Date Received: March 7, 1983

Subject: CONTAINER MANUFACTURING

Date Issued: March 31, 1983

Expiration Date: March 29, 1988

Location: 11541 S. Champlain Ave., Chicago

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of six soldering operations as described in the above-referenced application. This Permit is subject to standard conditions attached hereto.

B. Mathur

Bharat Mathur, P.E.
Manager, Permit Section
Division of Air Pollution Control

BM:PMP:ba/6812c/12 PMP 3/31/83

cc: Region 1

CALCULATION SHEET

| | |
|---|--|
| Facility <u>Sherwin Williams</u> Anal. Eng. <u>PMP</u> Date <u>3 29 83</u> Rev. Eng. _____ Date _____ | I.D. <u>031 600 AHO</u> PN <u>23 03 2590</u> Date Rec. <u>03 02 83</u> |
|---|--|

| | |
|--|--|
| <p>A permit renewal request for a container mfg operation.</p> <p>Previously denied because no fug comp plan.</p> <p>The plan has since been approved.</p> <p>This company is on FF but not for this operation.</p> <p>ENF, Var, Ctr NSPS NESHA/PS not applicable.</p> <p>6 soldering operations</p> <p>HC = 1.6 #/hr < 8 OK</p> <p>The ID file indicates no problems</p> <p>TAS OK</p> <p>Grant 5 years No conditions.</p> | |
|--|--|



Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

217/782-2113

April 26, 1984

The Sherwin-Williams Company
11541 S. Champlain Avenue
Chicago, Illinois 60628

Attention: Stanley R. Fryzel

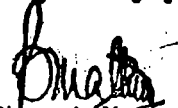
Application No.: 72110194 &
73032590
I.D. No.: 031600AHO
Operation of: Lithographing and Container Manufacturing
Letter Dated: March 30, 1984

Gentlemen:

The Agency hereby acknowledges the receipt of your above-referenced letter and confirms the withdrawal of your operating permits in accordance with your request.

If you have any questions concerning this matter, please contact Phillip C. Dawson at 217/782-2113.

Very truly yours,


Bharat Mathur, P.E.
Manager, Permit Section
Division of Air Pollution Control

BM:PCD/maw/0888d/28

cc: Region 1 *UM*

*B.E.
5/2/84
Sent
Chin*



The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone: (312) 821-3000

March 30, 1984

Mr. Bharat Mathur, Manager, Permit Section
Division of Air Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Rd.
Springfield, IL 62706

RECEIVED

APR 05 1984

IEPA - DAPC - SPFLD

Dear Mr. Mathur:

It is reported that the following operating permits relating to our
Container Manufacturing Plant should be cancelled.

Lithographing Permit No. 0-2-11-019~~8~~4

Container Manufacturing Permit No. 0-3-03-2590.

The Container Manufacturing facility did not operate during 1983. Assets
of the Container Division have been sold and will not operate again at this
Site.

Yours truly,


Stanley R. Fryzel
Manager of Safety & Security

SRF:eb



217/782-2113

August 15, 1984

The Sherwin Williams Co.
11541 South Champlain Avenue
Chicago, Illinois 60628

Attention: Stanley R. Fryzel

Application No.: 72100421
I.D. No.: 031600AHO
Operation of: ESTER MANUFACTURING
Letter Dated: August 2, 1984

The Agency hereby acknowledges the receipt of your above-referenced letter and confirms the withdrawal of your operating permit in accordance with your request.

If you have any questions concerning this matter, please contact Phillip C. Dawson at 217/782-2113.

B. Mathur

Bharat Mathur, P.E.
Manager, Permit Section
Division of Air Pollution Control

BM:PCD:ba/1661d/8

cc: Region 1

B.E.
8-17-84
Sent I
Chi Dec



The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone (312) 821-3000

031600 AHΦ

RECEIVED

AUG 06 1984

IEPA - DAPC - SPFLD

August 2, 1984

State of Illinois
Environmental Protection Agency
Division of Air Pollution Control
2200 Churchill Rd.
Springfield, Il. 62706

Attn: Mr. Bharat Mathur

Dear Mr. Mathur:

It is reported that the operating permit relating to our Ester operations, Permit No. 72100421 should be cancelled.

Our Ester Department manufacturing has not been operating for over one year and the buildings have been razed.

Yours truly,

Stanley R. Fryzel
Manager of Safety & Security

SRF:eb



The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628
Phone: (312) 821-3000

August 4, 1978

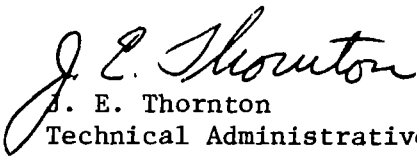
State of Illinois
Environmental Protection Agency
Division of Air Pollution Control
2200 Churchill Road
Springfield, Illinois 62706

Attention: Mr. Paul Schmierbach, P.E.
Manager, Permit Section

Dear Mr. Schmierbach:

Attached are copies in triplicate of APC 205, Application for renewal of an Operating Permit, for our Ester manufacturing process. The current permit expires November 13, 1978. There have been no changes in this process since the original operating permit was issued.

Very truly yours,


J. E. Thornton
Technical Administrative
Assistant

JET/lc
Enc.

RECEIVED
AUG 09 1978
IEPA-DAPC-SPFLD



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

| | |
|---|------------------------------|
| APPLICATION FOR <u>RENEWAL</u> OF AN OPERATING PERMIT | FOR AGENCY USE ONLY |
| OPERATION OF: <u>ESTER MANUFACTURING</u> (A) | I. D. NO. <u>031 600 AHO</u> |
| (SAME AS 9c ON PAGE 2) | PERMIT NO. <u>02100421</u> |
| | DATE <u>08-09-78</u> |

| | | | |
|--|---|---|-------------------------------|
| 1a. NAME OF OWNER: THE SHERWIN-WILLIAMS COMPANY | 2a. NAME OF OPERATOR: THE SHERWIN-WILLIAMS COMPANY | | |
| 1b. STREET ADDRESS OF OWNER: 101 PROSPECT AVE., N.W. | 2b. STREET ADDRESS OF OPERATOR: 11541 S. CHAMPLAIN AVENUE | | |
| 1c. CITY OF OWNER: CLEVELAND | 2c. CITY OF OPERATOR: CHICAGO | | |
| 1d. STATE OF OWNER: OHIO | 1e. ZIP CODE: 44115 | 2d. STATE OF OPERATOR: ILLINOIS | 2e. ZIP CODE: 60628 |

| | | | | |
|---|---|---------------|----------------------------|-------------------------------|
| 3a. NAME OF CORPORATE DIVISION OR PLANT: CHICAGO SITE | 3b. STREET ADDRESS OF EMISSION SOURCE: 11541 S. CHAMPLAIN AVENUE | | | |
| 3c. CITY OF EMISSION SOURCE: CHICAGO | 3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | 3e. TOWNSHIP: | 3f. COUNTY: COOK | 3g. ZIP CODE: 60628 |

| | |
|--|--|
| 4. ALL CORRESPONDENCE TO: (NAME OF INDIVIDUAL) J. E. THORNTON | 5. TELEPHONE NUMBER FOR AGENCY TO CALL: 312/821-3043 |
| 6. ADDRESS FOR CORRESPONDENCE: <input type="checkbox"/> OWNER <input checked="" type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE | 7. YOUR ID NUMBER FOR THIS APPLICATION: (B) ER-OP |

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.

AUTHORIZED SIGNATURE (S):

| | |
|---|---|
| BY <u><i>A. D. Maine</i></u> <u>7/17/78</u> SIGNATURE DATE A. D. MAINE TYPED OR PRINTED NAME OF SIGNER GENERAL MANAGER, CHICAGO SITE TITLE OF SIGNER | BY <u><i>T. R. Miklich</i></u> <u>7-21-78</u> SIGNATURE DATE T. R. MIKLICH TYPED OR PRINTED NAME OF SIGNER SECRETARY TITLE OF SIGNER |
|---|---|

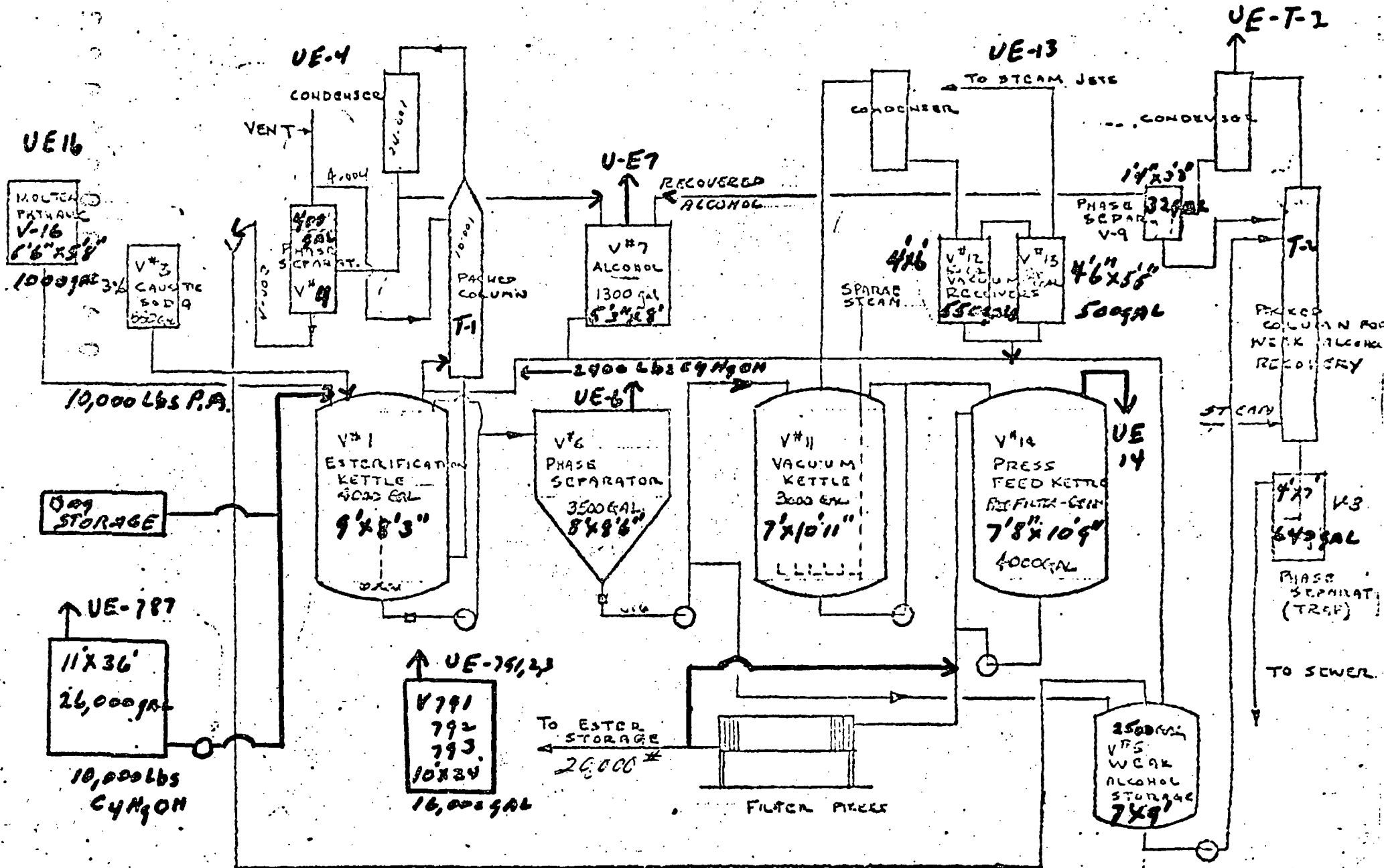
(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE OPERATED.

(B) PROVIDE A NUMBER IN ITEM SEVEN (7) ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF THIS OPERATION. YOUR IDENTIFICATION NUMBER WILL BE REFERENCED IN ALL CORRESPONDENCE, RELATIVE TO THIS APPLICATION, FROM THIS AGENCY. YOUR IDENTIFICATION NUMBER MUST NOT EXCEED TEN (10) CHARACTERS.

(C) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH PCB REGS., CHAPTER 2, PART 1, RULE 103(a)(4) OR 103(b)(5) WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."

IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.

ESTER PLANT DIBUTYL PHTHALATE



ID: 031 600 AHØ

COMPANY NAME: SHERWIN & WILLIAMS CØ.

PERMIT NUMBER: Ø 2 10 0421

| NO. | SOURCE | PG | NO. | CONTROL | | STACK NO. |
|-------|---|----|-----|---------|----|-----------|
| | NAME | | | NAME | PG | |
| 001 | PHTHALIC ANHYDRIDE STORAGE TANK | | | | | |
| 002 | DIBUTØL PHTHALATE STORAGE TANK | | | | | |
| 003 | BUTANØL STORAGE TANK | | | | | |
| → 002 | P. Ester Plant - incl. Reactors Separators, stills etc. N.Y.E. | | | | | |

217/782-2113

OPERATING PERMIT

PERMITTEE

The Sherwin Williams Company
11541 South Champlain Avenue
Chicago, Illinois 60628

Attention: Soong Yang

Application No.: 73020494

I.D. No.: 031600AH0

Applicant's Designation: PHB-300

Date Received: September 18, 1984

Subject: Powerhouse Building

Date Issued: October 16, 1984

Expiration Date: February 15, 1985

Location: 11541 South Champlain Avenue, Chicago, Illinois

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of three oil fired boilers and three oil storage tanks as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. At the above location, the permittee shall not keep, store, or utilize a residual fuel oil (Grades No. 4, 5 and 6) with a sulfur content greater than that given by the formula:

$\text{Maximum wt. percent sulfur} = (0.00005) \times (\text{Gross heating value of the oil in BTU/lb}).$

2. The Agency shall be allowed to sample all fuels stored at the above location.
3. The burning of p-cresol pitch as a byproduct fuel is permitted until February 15, 1985 under the following limitations:
 - a. P-cresol pitch is to be burned in only one boiler at a time.
 - b. P-cresol pitch is to be fed from a single burner at a rate of 3.3 gpm or less.
 - c. P-cresol pitch is to be co-fired with natural gas and the p-cresol pitch feed rate is not to exceed 32% of the total heat input to the boiler.



- 1.) d. P-cresol pitch shall only be used as a byproduct fuel after normal boiler operating temperatures have been attained.

S. These limitations are derived on preliminary stack tests performed by the company.

- 2.) 4. An additional stack test for organic emissions and carbon monoxide shall be conducted prior to December 15, 1984 while burning p-cresol pitch as a byproduct fuel in accordance with Agency approved sampling and analysis protocol.
5. The stack tests are to be conducted at the maximum p-cresol pitch feed rate for which an operating permit is sought.
3. 6. The Agency may witness these tests. This office and the regional office:

Illinois Environmental Protection Agency
Division of Air Pollution Control
The Intercontinental Center, Suite 1205
1701 First Avenue
Maywood, Illinois 60153

4. shall be notified a minimum of thirty (30) days prior to the expected date of these tests and further notified a minimum of five (5) working days prior to the test of the exact date, time and place of these tests.

Bharat Mathur

Bharat Mathur, P.E.
Manager, Permit Section
Division of Air Pollution Control

BM:JDC:sd/2132d/31-32

5. cc: Region 1 *her*



DEC 21 1984

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. D. T. Rehor
Plant Manager
Sherwin-Williams Company
11541 S. Champlain Avenue
Chicago, Illinois 60628

ENF. File

Re: Consent Agreement and Final Order
Sherwin-Williams Company
Docket Number V-W-84-R-059

Dear Mr. Rehor:

This letter is to acknowledge receipt of the Consent Agreement and Final Order No. V-W-84-R-059. A fully executed copy of the Consent Agreement and Final Order is enclosed for your files.

Your cooperation in resolving this matter is appreciated.

Very truly yours,

William H. Miner

William H. Miner, Chief
Hazardous Waste Enforcement Branch

Enclosure

cc: ILL EPA
C.T. Corporation Systems

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STIPULATIONS

2. Respondent owns and operates, among other things, a hazardous waste management facility located at 11541 S. Champlain Avenue, Chicago, Illinois.

3. Respondent achieved interim status through timely submittals of a notification of hazardous waste activity and Part A of the application for a RCRA permit.

4. Respondent neither admits nor denies the specific factual allegations contained in the Complaint.

5. Based upon submittals made by Respondent to U.S. EPA and the Illinois Environmental Protection Agency after issuance of the Complaint, and upon U.S. EPA's review of those submittals for conformance with the RCRA regulations, Complainant believes Respondent has achieved compliance with the provisions of 35 Ill. Adm. Code §§725.243, 725.247.

6. Respondent consents to the issuance of this Order, hereinafter recited, and hereby consents to the payment of a civil penalty in the amount hereinafter indicated.

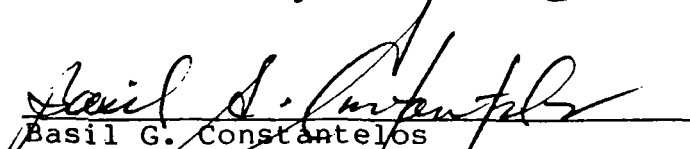
FINAL ORDER

Based upon the foregoing stipulations, the parties agree to the entry of the following Consent Agreement and Final Order (CAFO) in this matter:

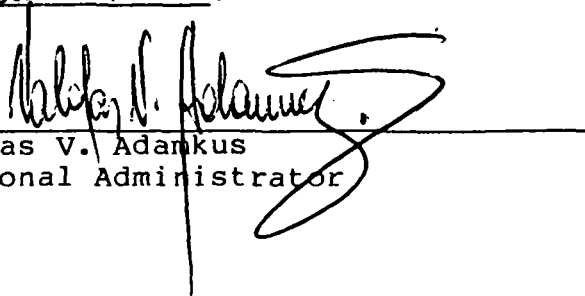
A. Respondent shall immediately, upon the signing of this CAFO, achieve and maintain compliance with the requirements for

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Agreed this 18th day of December, 1984.


Basil G. Constantelos
Director, Waste Management Division
Complainant

It is being Agreed, it is so Ordered, this 19th day of December, 1984.


Valdas V. Adankus
Regional Administrator

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: February 22, 1985

TO: Division File

FROM: Kenn Liss

SUBJECT: 03165003 -- Cook County
Chicago/Sherwin Williams (S.W.)
Pre-Enforcement Conference (P.E.C.)

A P.E.C. was held at the IEPA Maywood regional office on February 13, 1985 at 10:00 A.M. Clifton Lake, attorney, C.D. Baker and Raymond J. Malmgren attended on behalf of S.W. and Dale Helmers, Paul Jagiello, attorney, and Kenn Liss represented the Agency.

Dale Helmers opened the meeting with an explanation of the specific points to be addressed by the assessment program required in Section 725.193.

Clifton Lake responded that the requirements were now understood but S.W. will first seek exclusion from RCRA or a waiver from the Subpart F requirements for the surface impoundments. He stated that the listing of the ponds on S.W.'s Part A was an error and that they were constructed only for retention during pH adjustments of the effluent prior to discharge into the sewer system of the Metropolitan District of Greater Chicago.

The meeting was adjourned with the understanding that S.W. has 30 days from the date of the meeting to demonstrate that they qualify for a waiver or that the ponds are not regulated units under RCRA. If this demonstration cannot be provided an assessment plan satisfying Section 725.193(d)(2) and (d)(3) must be submitted within 30 days.

KL:mkb:16/169

cc: Mark Haney